GUJARAT TECHNOLOGICAL UNIVERSITY
B.VOC- SEMESTER–IV EXAMINATION – WINTER 2024

Subject Code:21140201 **Date:20-11-2024**

Subject Name: Software Testing and Project Management

Time:02:30 PM TO 04:30 PM **Total Marks:50**

Instructions:
1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Simple and non-programmable scientific calculators are allowed.**

			Marks
Q.1	**(a)**	Explain principles of testing.	**05**
	(b)	Give a difference between white box testing and black box testing.	**05**
Q.2	**(a)**	Explain scenario testing with an example.	**05**
	(b)	Explain functional testing and non-functional testing.	**05**
		OR	
	(b)	Explain integration testing with an example.	**05**
Q.3	**(a)**	Explain techniques of regression testing.	**05**
	(b)	Explain key-difference between buddy testing and pair testing.	**05**
		OR	
Q.3	**(a)**	Explain agile and extreme testing.	**05**
	(b)	What is the different object-oriented concepts? Explain object-oriented testing with an example.	**05**
Q.4	**(a)**	Draw and explain SDLC in detail.	**05**
	(b)	Explain various issues in Project Management.	**05**
		OR	
Q.4	**(a)**	Explain scope management process in detail.	**05**
	(b)	Create SRS for Attendance Maintenance System.	**05**
Q.5	**(a)**	Explain COCOMO Model in detail.	**05**
	(b)	Create Gannt Chart for Hospital Management System.	**05**
		OR	
Q.5	**(a)**	What is project scheduling? Why it is needed?	**05**
	(b)	Explain Delphi Method in detail.	**05**

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